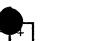
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| Application Number     | 09/091,805       | UF  |  |
| Filing Date            | June 23, 1998    | V-1 |  |
| First Named Inventor   | NAKATA et al.    | 0   |  |
| Group Art Unit         |                  |     |  |
| Examiner Name          |                  |     |  |
| Attorney Docket Number | MATS: 006        |     |  |

| U.S. PATENT DOCUMENTS |              |  |                                      |  |                            |  |  |
|-----------------------|--------------|--|--------------------------------------|--|----------------------------|--|--|
| U.S. Patent Document  |              | Name of Detector or Applicant Date of Publication of |                                      | Pages, Columns, Lines,                             |                            |  |  |
| Examiner<br>Initials  | Cite<br>No.1 | Number   | Kind Code <sup>2</sup><br>(if known) | Name of Patentee or Applicant<br>of Cited Document | Cited Document MM-DD-YYYYY | Where Relevant Pessages or Relevant Figures Appear |  |
| TIN                   |              | 4,507,640  | -                                    | RICH III et al.                                    | - 3/26/85                  |  |  |
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|          | FOREIGN PATENT DOCUMENTS |                         |                     |                                      |                             |  |   |    |
|----------|--------------------------|-------------------------|---------------------|--------------------------------------|-----------------------------|--|---|----|
| Examiner | Cite                     | Foreign Patent Document |                     | Name of Patentee or                  | Date of Publication of      | Pages, Columns, Lines,<br>Where Relevant |   |    |
| Initials | No.1                     | Office                  | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) | Applicant of Cited Document | Cited Document MM-DD-YYYY                | <ul> <li>Passages or Relevant<br/>Figures Appear</li> </ul> | TB |
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